PORTUGUESE AND BUCANA
RIVERS
PUERTO RICO

WATER CONTROL MANUAL
FOR
CERRILLOS
DAM AND RESERVOIR

JACKSONVILLE DISTRICT
U.S. ARMY CORPS OF
ENGINEERS
JULY 1997

Cerrillos Dam looking
to the north.

Cerrillos Dam looking to the southeast. Pool elevation around 578 feet, NGVD, on 20 March 1997 prior to drawdown to the approved regulation schedule elevation of 573 feet, NGVD.

Cerrillos Dam looking
at the downstream face from around the outlet works tunnel exit.

Left abutment in vicinity of control tower. Background shows 1985 slide area that has been stabilized. Foreground shows bulkhead gates in up position.

View of bulkhead hoist units to the left and sliding bulkhead gates (center) in up position.

View looking west at right abutment from crest of dam (elevation 634.7 feet, NGVD).

View of 18’ diam. outlet tunnel with 30” diam. water supply pipe suspended from tunnel crown. Discharging 2150-2350 cfs on 21 March 1997 during drawdown.

View of stilling basin looking south. Discharging 2150-2350 cfs on 21 March 1997 during drawdown.

View looking upstream from project service bridge.
Flow is 2150-2350 cfs on 21 March 1997 during drawdown.

View looking downstream from project service bridge.
Flow is 2150-2350 cfs on 21 March 1997 during drawdown.

View of project service bridge. Flow is 2150-2350 cfs on 21 March 1997 during drawdown.

View looking downstream from project of natural river channel flowing at 2150-2350 cfs on
21 March 1997 during drawdown.

View of debris basin looking to the north on 21 March 1997 during drawdown.

View of debris basin ogee weir spillway looking to the north. Flow estimated at 1800-2000 cfs on 21 March 1997 during drawdown.

View of Bucana River looking north from Highway 14 bridge. Flow estimated at 1800-2000 cfs on 21 March 1997 during drawdown.

View of Bucana River looking south from Highway 14 bridge. Flow estimated at 1800-2000 cfs on 21 March 1997 during drawdown.

View of Bucana River drop structure #5. Flow estimated at 1800-2000 cfs on 21 March 1997 during drawdown.